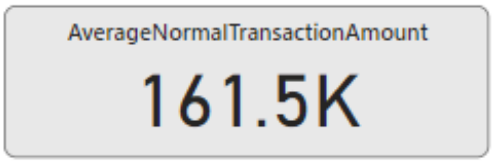
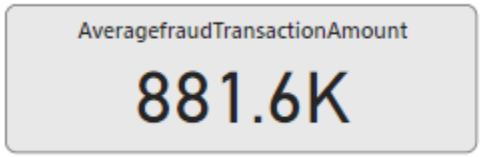
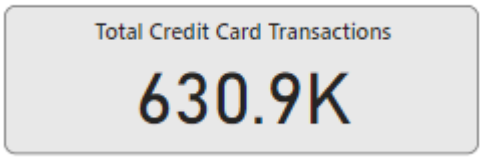
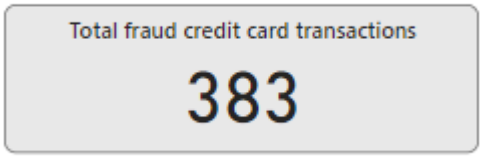
1. What is the average transaction amount for normal transactions versus fraudulent transactions?

Used DAX function: `AverageNormalTransactionAmount = AVERAGEX(FILTER(Fraud, Fraud[isFraud] = 0), Fraud[amount])` Resulted using Card: 	Used DAX function: `AveragefraudTransactionAmount = AVERAGEX(FILTER(Fraud, Fraud[isFraud] = 1), Fraud[amount])` Resulted using Card: 

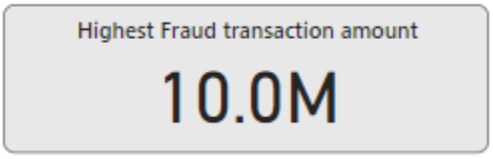
2. How many credit card transactions were recorded in the dataset? And How many fraudulent credit card transactions were recorded in the dataset?

Used DAX function: `Total Credit Card Transactions = COUNTROWS(Fraud)` Resulted using Card: 	Used DAX function: `Total fraud credit card transactions = COUNTROWS(FILTER(Fraud, Fraud[isFraud] = 1))` Resulted using Card: 

3. What is the highest Fraud transaction amount recorded?

   Used DAX function:
   `Highest Fraud transaction amount = CALCULATE(MAX(Fraud[amount]),Fraud[isFraud] = 1)`

   Resulted using Card:

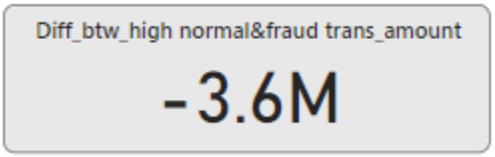


4. Is there a significant difference in the maximum transaction amount for normal transactions compared to fraudulent transactions?

   Used DAX function:

```
Diff_btw_high normal&fraud trans_amount = [Highest normal transaction amount] - [Highest Fraud transaction amount]
```

   Resulted using Card:

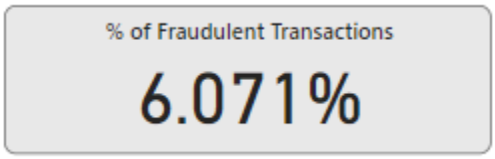


5. What is the percentage of fraudulent transactions in the dataset?

   Used DAX function:

```
% of Fraudulent Transactions = DIVIDE([Total fraud credit card transactions], [Total Credit Card Transactions],0) *100
```

   Resulted using Card:



6. What is the distribution of transaction amounts? (using Clustered column chart)

   Used Clustered column chart using X-axis as "type" and Y-axis as "Sum of amount".